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AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) An isolated nucleic acid sequence comprising SEQ ID NO: 1.

2. (Original) The isolated nucleic acid sequence of claim 1, wherein the nucleic acid sequence is DNA.

Claim 3. Canceled.

4. (Previously Presented) An isolated nucleic acid sequence encoding the amino acid sequence of SEQ ID NO: 3.

5. (Previously Presented) A replicative cloning vector comprising the nucleic acid sequence of any of claims 1 or 4.

Claim 6. Canceled.

7. (Previously Presented) An expression vector comprising the nucleic acid sequence of any of claims 1 or 4 operably linked to a transcription regulatory region.

Claims 8-13. Canceled.

14. (Withdrawn) A method for identifying a protein involved in bone modulation comprising identifying a protein that has an expression level that is different in a first host comprising the Zmax1 gene when compared to a second host comprising the HBM gene.

15. (Withdrawn) The method of claim 14, wherein the host is a cell or an animal.